

5352171-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 5352171-1

Hard Metric Backplane PCB Mount Receptacle, ≤ 1 Gb/s, 19

Column, 5 Row, Mezzanine, 95 Position, 2 mm [.078 in] Centerline,

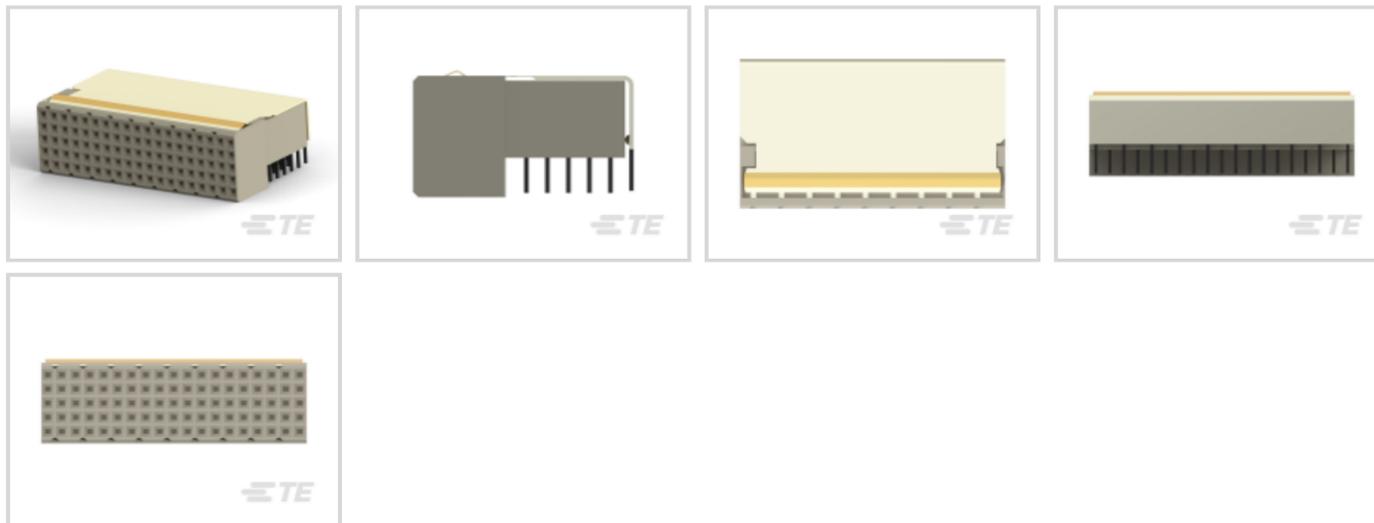
Right Angle, Z-PACK 2mm HM

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[Connectors](#) > [PCB Connectors](#) > [Backplane Connectors](#) > [Hard Metric Backplane Connectors](#) >

HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



PCB Connector Type: **PCB Mount Receptacle**

Data Rate: ≤ 1 Gb/s

Number of Columns: **19**

Number of Rows: **5**

Backplane Architecture: **Mezzanine**

[All HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm \(48\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Ground Feature Type	Ground Return Shielding
Backplane Interface Type	2mm HM
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Sealable	No

Configuration Features

Rows Loaded	A, B, C, D, E
Mating & Unmating Configuration	Make First / Break Last
Number of Signal Positions	95
Number of Columns	19
Number of Rows	5



Backplane Architecture	Mezzanine
Number of Positions	95
PCB Mount Orientation	Right Angle

Signal Characteristics

Crosstalk Version	Standard
Data Rate	≤1 Gb/s

Body Features

Primary Product Color	Gray
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Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
CompactPCI Designation	J3
PCB Contact Termination Area Plating Material	Tin
Feedthrough Post Length	3.3 mm
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.078 in]

Dimensions

Backplane Module Length	38 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Shielded	Yes
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Circuit Application

Power & Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

11

Packaging Method

Tube

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)
 Candidate List Declared Against: JUNE 2025 (250)
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-472-Z12
Hard Metric Male Connector:
Traditional Backplane, Mezzanine,
2mm

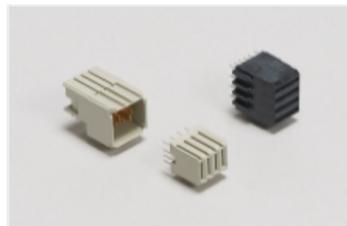


TE Part # 2392853-1
Z-PACK/B19 RAF 95P EON

Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



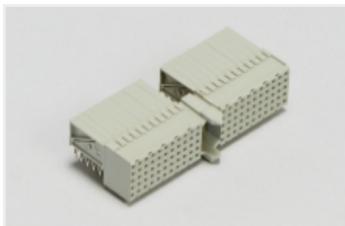
Backplane Power Connectors(1)



Connector Caps & Covers(62)



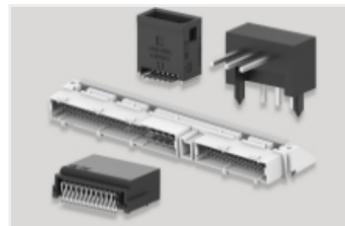
Connector Hardware(91)



Hard Metric Backplane Connectors
(264)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Rectangular Power Connectors(46)

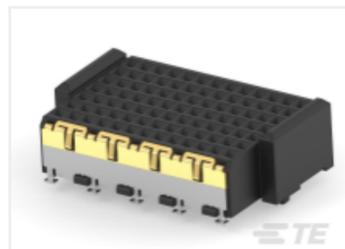
Customers Also Bought



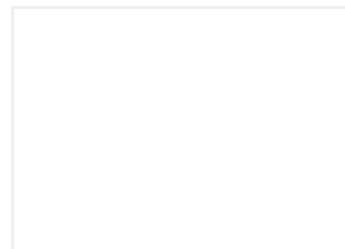
TE Part #284135-E
STVC 96 F ABC VVV 7-00 EEUE 13,0 *
131 E



TE Part #284959-E
STVE 160 F ABCDE VVVV 7-00 TL 4,0
* 137



TE Part #454701-E
MSPEED 91 F SMD F4 B A-G VVV
137 094 *



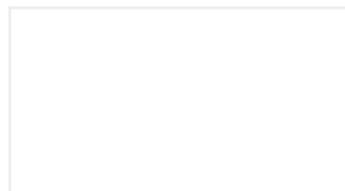
TE Part #284185-E
STVE 160 F ABCDE VVVV 7-00 EEUE
13,0 *



TE Part #2174219-1
Push-Pull 7P Plug PS S-Cup Cont KIT/N



TE Part #5223963-1
TE UPM R/A Header 3P STD Power,
MLM



TE Part #5646957-3
UPM R/A Header 7P connector
LSSLSSL



TE Part #5650933-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-
LSSLSSL



Documents

Product Drawings

[Z-PACK/B19 RAF 95P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5352171-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5352171-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5352171-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English